

# Converting Colors

Hex(584720)

Have a look what the booklet for  
Hex(584720) contains.

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**Color**

**Hex(584720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	584720
RGB	88, 71, 32
RGB Percent	35%, 28%, 13%
CMY	0.6549, 0.7216, 0.8745
CMYK	0.00, 0.19, 0.64, 0.65
HSL	42°, 47%, 24%
HSV	42°, 64%, 35%
XYZ	6.5385, 6.6855, 2.3123
YIQ	71.6370, 22.6510, -8.5250

# Conversions

## Conversions Part 2

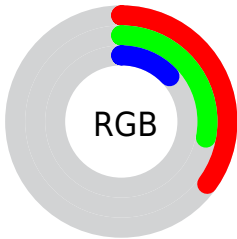
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 88, 32
Decimal	5785376
CIE <sub>Lab</sub>	31.08, 1.94, 25.79
CIE <sub>LCh</sub>	31, 25.860, 85.695
Yxy	6.6855, 0.4209, 0.4303
Android (android.graphics.Color)	4283975456 (0xFF584720)
YUV	71.6370, -19.5410, 14.3504
Hunter-Lab	25.8563, -0.1100, 12.7971

# Details

The Hex color **584720** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **203158**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8C774E**, and **281C00** is the 20% darker color. If you saturate the color by 10%, you get **584417**, and if you desaturate by 10%, it is **584A29**.

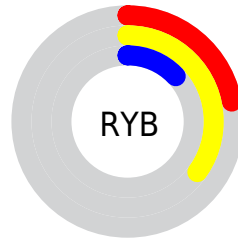
# Distribution



Red (35%)

Green (28%)

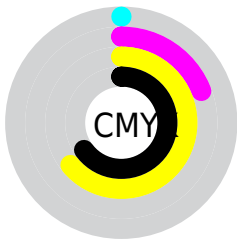
Blue (13%)



Red (22%)

Yellow (35%)

Blue (13%)

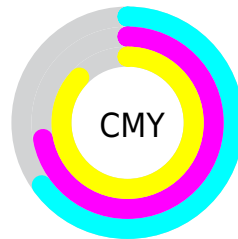


Cyan (0%)

Magenta (19%)

Yellow (64%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 584720 by changing the saturation by 10% instead.



 584720

 584720

FFFFFF

 3F310A

 8C774E

 281C00

 A79166

 0B0200

 C2AB7F

 000000

 DFC799

 FCE3B4

 FFFFD0

 FFFFEC

 584720

 584720

■ 584417

■ 584A29

■ 58420E

■ 584C32

■ 583F06

■ 584F3A

■ 583D00

■ 585243

■ 58544C

■ 585755

■ 585A5E

■ 585C66

■ 585F6F

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



674028



584720



444D24

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



584720



00535A



5F3D60

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



584720



203158

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46456E



584720



00516A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



584720



015345



204C71



6D394D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



584720



34502C



204C71



584066



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



584720



736C5D



582032



3B372D



BABABA



3B3B3B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



584720



73581C



4E5820



2B2A27



6B4B00



EBA300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



203158



1C3673



2A2058



27282B



00216B



0047EB



# Previews

## White Background



This preview shows how the Hex color 584720 looks on a white background.

## Color Contrast Check

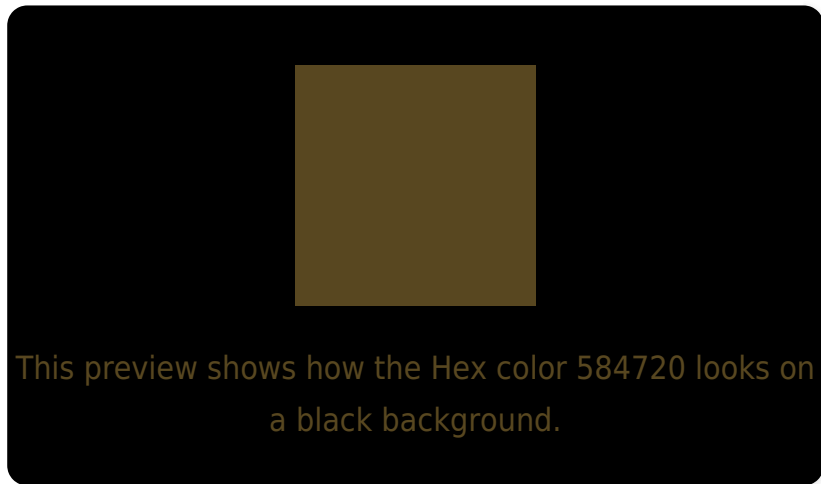
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

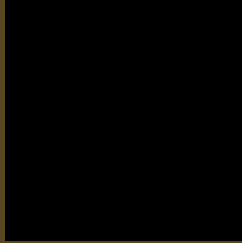
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 584720 Background



This preview shows how black text looks on a background with the Hex color 584720.

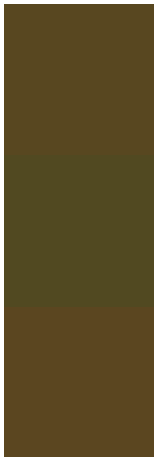


This preview shows how white text looks on a background with the Hex color 584720.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
584720

**Protanopia**  
514921

**Deuteranopia**  
5B4620



**Tritanopia**  
5B4348

# Trichromacy



**Original Color**  
584720

**Protanomaly**  
544821

**Deuteranomaly**  
5A4620

**Tritanomaly**  
5A4439

# Monochromacy



**Original Color**  
584720

**Achromatopsia**  
484848

**Achromatomaly**  
4E4839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #584720 looks like.

```
.text, #text, p{  
    color:#584720  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #584720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584720
}
```

## Border

The CSS property to change the border of an element to Hex 584720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

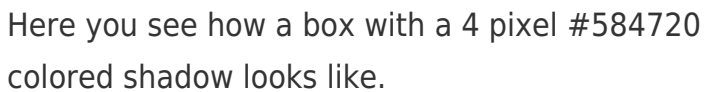
```
.border, #border, table{ border:4px solid
#584720 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#584720 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #584720 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The box is white with a thin dark brown border on the top and left sides, and a thicker dark brown shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584720; -webkit-box-shadow:4px 4px  
4px 4px #584720; box-shadow:4px 4px 4px  
4px #584720 }
```

# Background

The CSS property to change the background color of an element to Hex 584720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584720 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#584720 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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